

REMARKS

Claims 1-13 are pending in the application. Claims 1-4 and 6-13 are allowed.

Claim 5 is rejected under 35 USC 102(e) as being anticipated by Tanimoto et al. (US 6,075,776) (Tanimoto).

Claim 5 has been cancelled herein obviating the rejection.

Claims 14 and 15 have been newly added. The claims are based on the original disclosure. For example claim 1 includes a third judgment unit and a decapsulation unit. No new matter is entered.

Applicant's new claim 14 include " a second edge node included in an intranet for decapsulating said encapsulated packet and forming a judgment as to whether or not a decapsulated packet is allowed to transmit to an internet after passing through said intranet on the basis of a table of authorized users in a case where a first user having a destination address of a packet transmitted from a second user included in said user network is not included in said intranet."

Applicant's new claim 15 describes a method including "decapsulating said encapsulated packet by a second edge node included in an intranet; and forming a judgment as to whether or not a decapsulated packet is allowed to transmit to an internet after passing through said intranet on the basis of a table of authorized users in a case where a first user having a destination address of a packet transmitted from a second user included in said user network is not included in said intranet."

Applicant's claims includes features not found in the cited reference because the second edge node forms a judgment as to whether or not a packet which is transmitted by a second user

who is not accommodated in the intranet is allowed to transmit to an internet after passing through said intranet.

That is, as claim 14 includes the second edge node which provides control to allow only specific users to use the intranet, the intranet is used efficiently and safely.

The reference Tanimoto discloses a Remote Network (RNW) 501, a home network (HNW) 200, an edge node 400 provided in the RNW 501, and an edge node 400 provided in the HNW 200. Tanimoto only discloses a general tunneling technique in VLAN which communicates through an internet 40.

Tanimoto describes that "First, a case in which TE 101 is moved from the HNW200 to RNW 501 will be explained" in col. 5, lines 26-27, and "when TE 101 sends a first packet (of the MAC frame) to TE 102 after TE 101 which belongs to HNW 200 moves to RNW 501" in col. 5, lines 29-31, a destination address of first packet is TE 102 which belongs to HNW 200.

Comparing to claim 14 which includes the wording "in a case where a first user having a destination address of said decapsulated packet transmitted by a second user included in said user network is not included in said intranet", a destination address of the packet is not a user who is included in the intranet, but is a user who is not included in the intranet.

Tanimoto fails to disclose controlling to allow a user's packet to be transmitted to the internet 40 after passing through HNW 200. Because Tanimoto only discloses a general tunneling technique in VLAN which communicates through an internet 40, HNW 200 can not be used efficiently using the novel techniques in applicant's claimed invention.

Tanimoto fails to disclose the wording of claim 14, "forming a judgment as to whether or not a decapsulated packet is allowed to transmit to an internet after passing through said intranet on the basis of a table of authorized users in a case where a first user having a destination address

of said decapsulated packet transmitted by a second user included in said user network is not included in said intranet".

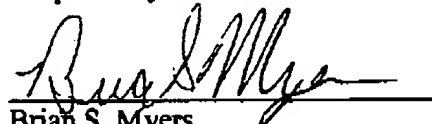
Claim 14 includes the wording "a table of authorized users," and the table of the authorized users is for forming a judgment as to whether or not a packet is allowed to be transmitted to the internet after passing through the intranet, and is not for forming a judgment as to whether or not a packet is allowed to be transmitted to a user who belongs to the intranet. That is, the table of claims 14 differs from a home address management table 70 of Tanimoto.

For at least the foregoing reasons it is respectfully submitted that claim 14 is different from the cited reference. Claim 15 includes a similar method feature and is likewise different from the cited reference.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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